

# Product Data

## TITANLENE LDC800YY FOR EXTRUSION COATING

**CHARACTER** LDC800YY is a low density polyethylene resin for extrusion coating and is a barefoot grade. LDC800YY meets the U.S. Food and Drug Administration (FDA) criteria for food contact use as specified in 21 CFR 177.1520 (c) 2.1 & (c) 2.2.

**APPLICATIONS** Coating for all substrates.

**ADVANTAGES** Good drawdown, good heat sealability and adhesion properties.

<u>TYPICAL RESIN PROPERTIES</u>	<u>UNIT</u>	<u>LDC800YY</u> <sup>(a)</sup>	<u>ASTM METHOD</u> <sup>(b)</sup>
Melt index	g/10 min	<b>3.5</b>	D1238
Density	g/cm <sup>3</sup>	<b>0.920</b>	D1505
Vicat softening point	°C	<b>87</b>	D1525
Neck-in (constant output 50m/min, 295°C)	cm	<b>8</b>	(c)
<b><u>BARRIER PROPERTIES</u></b>			
MVTR(90%RH, 37.8°C, 25µm)	g/m <sup>2</sup> /24h	<b>18</b>	F372
O <sub>2</sub> GTR	$\frac{10^4 \text{cm}^3 \mu\text{m}}{\text{m}^2 \text{24hr atm}}$	<b>22</b>	D3985

(a) Values shown are typical and are not to be considered as specifications.

(b) ASTM test methods are latest under the Society's current procedures.

(c) Internal method

### Processing conditions

Melt temperature : 270 - 340°C

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